

4.2.B. 0602000102 (Big Sewee Creek).

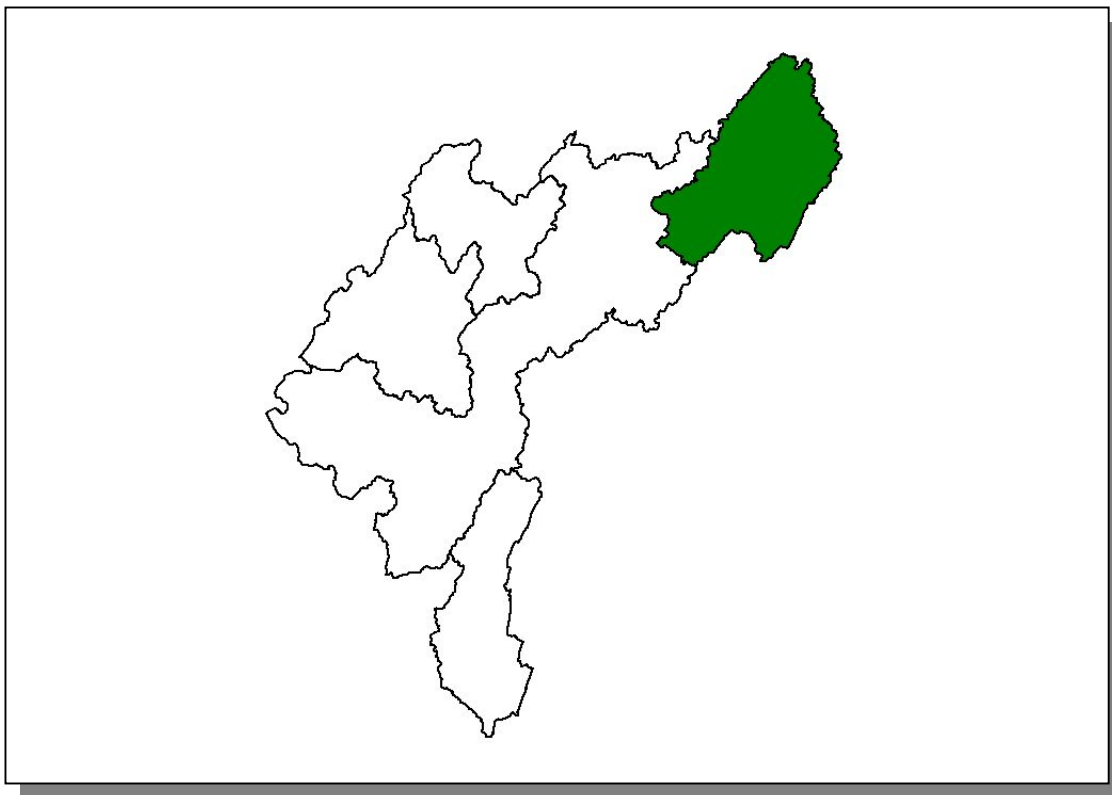


Figure 4-16. Location of Subwatershed 0602000102. All Lower Tennessee HUC-10 subwatershed boundaries are shown for reference.

4.2.B.i. General Description.

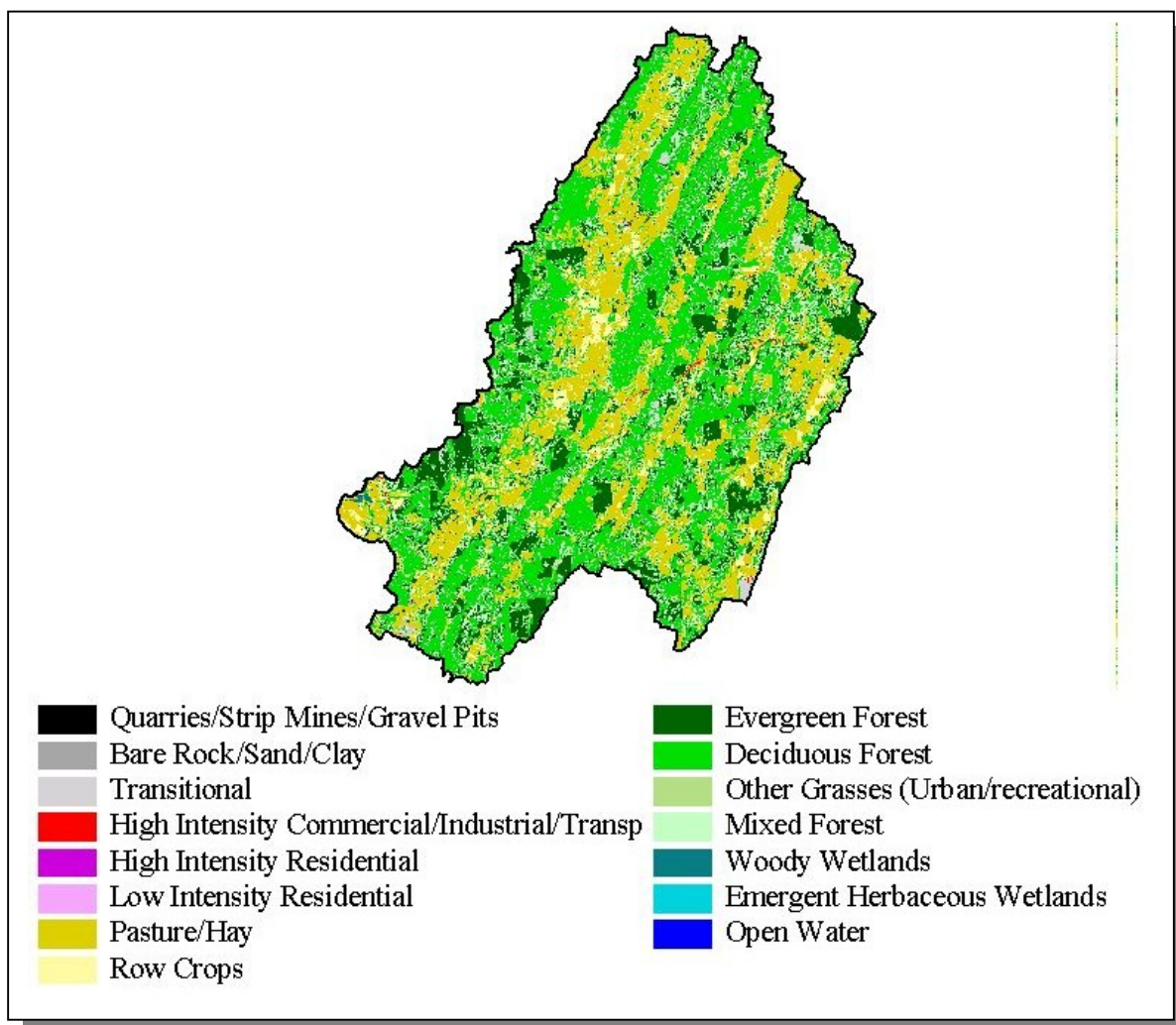


Figure 4-17. Illustration of Land Use Distribution in Subwatershed 0602000102.

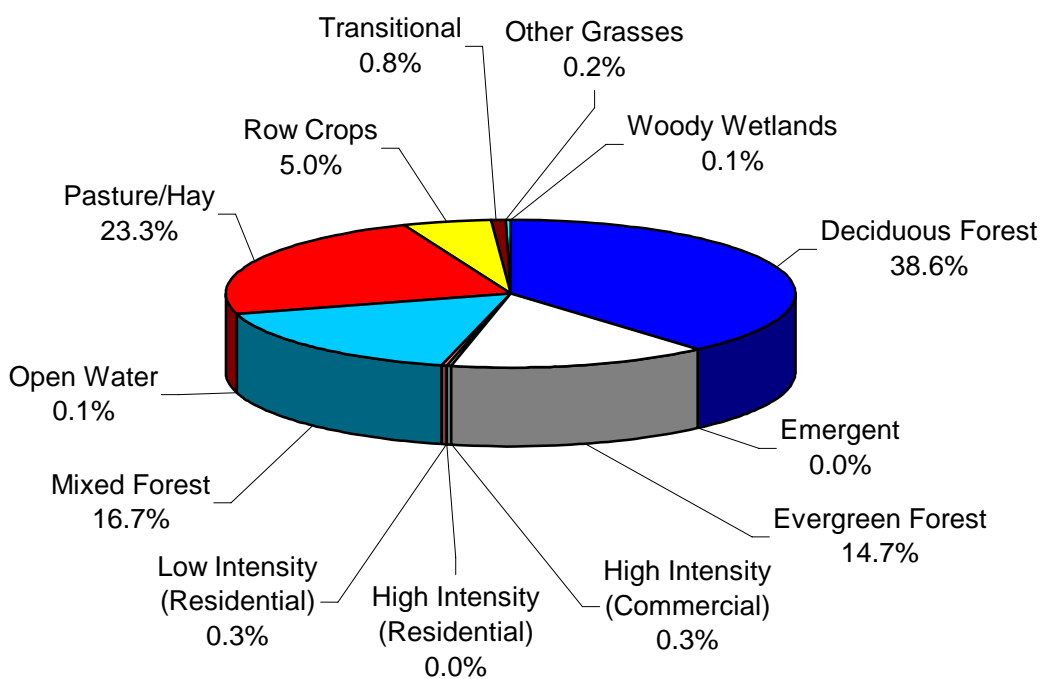


Figure 4-18. Land Use Distribution in Subwatershed 0602000102. More information is provided in Appendix IV.

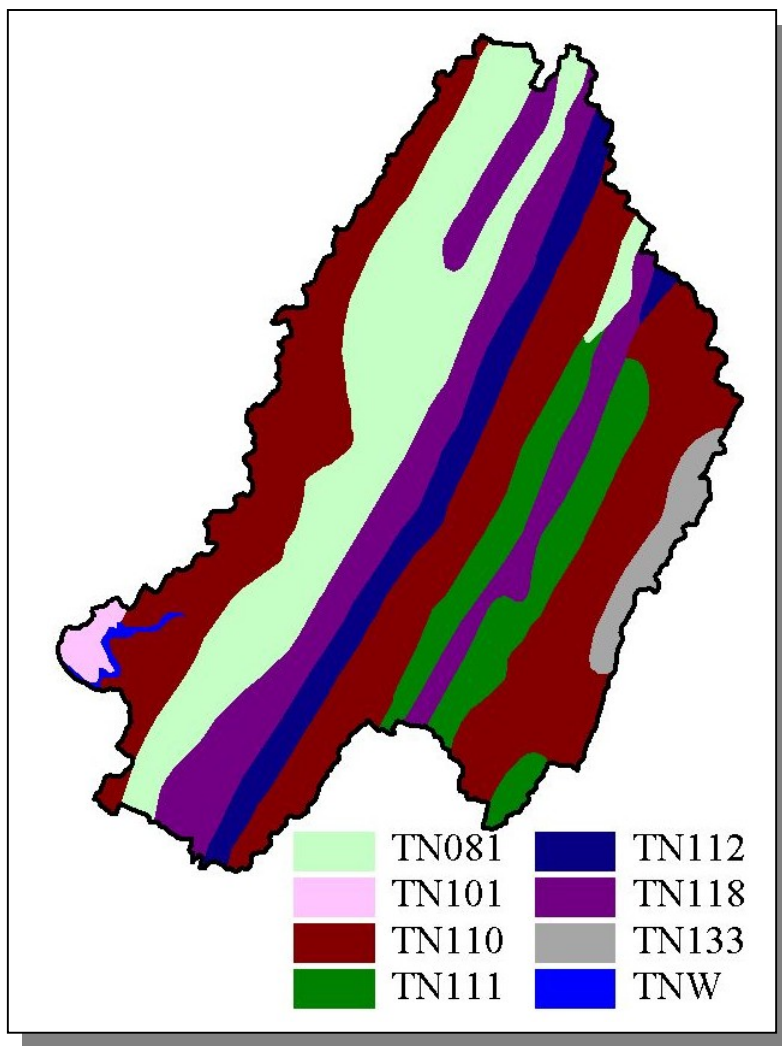


Figure 4-19. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0602000102.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN081	5.00	C	1.41	5.48	Silty Loam	0.35
TN101	0.00	B	1.71	5.39	Loam	0.35
TN110	0.00	B	2.22	4.96	Loam	0.31
TN111	0.00	C	1.41	5.10	Loam	0.34
TN112	6.00	C	2.36	5.09	Loam	0.35
TN118	0.00	C	6.52	5.12	Loam	0.29
TN133	0.00	C	1.35	6.04	Clayey Loam	0.27

Table 4-10. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0602000102. More information is provided in Lower Tennessee Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-1997)
	1990	1997	2000		1990	1997	2000	
Loudon	31,255	38,245	39,086	0.56	175	214	219	25.1
McMinn	42,383	46,000	49,015	9.09	3,854	4,183	4,457	15.6
Meigs	8,033	9,690	11,086	32.74	2,630	3,172	3,629	38.0
Rhea	24,344	27,672	28,400	0.15	36	41	43	19.4
Roane	47,227	49,885	51,910	3.09	1,460	1,543	1,605	9.9
Totals	153,242	171,492	179,497		8,155	9,153	9,953	22.0

Table 4-11. Population Estimates in Subwatershed 0602000102.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Decatur	Meigs	1,361	550	387	159	4

Table 4-12. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0602000102.

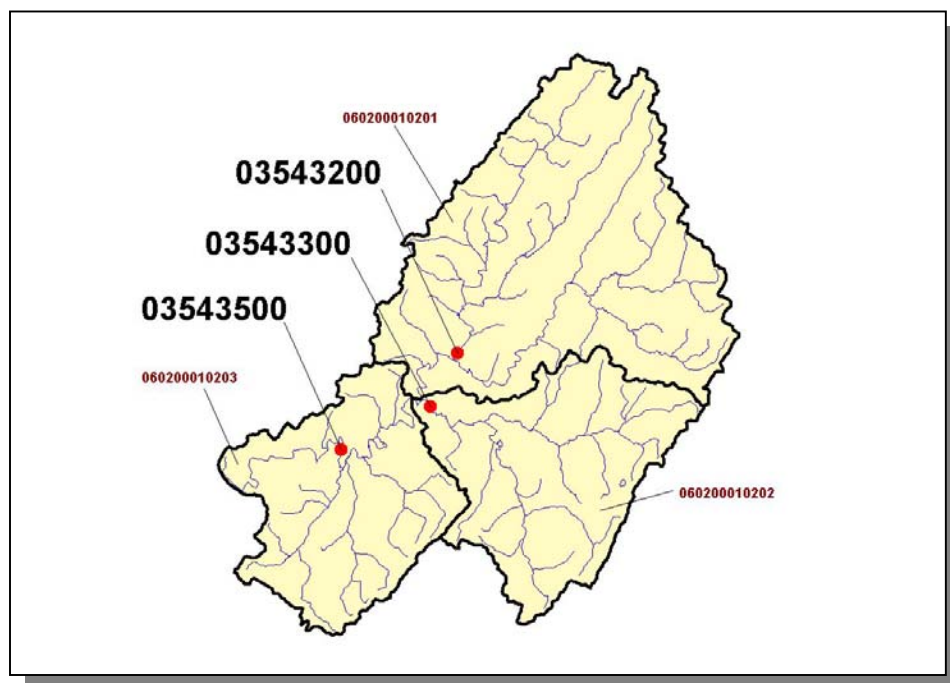


Figure 4-20. Location of Historical Streamflow Data Collection Sites in Subwatershed 0602000102. Subwatershed 060200010201, 060200010202, and 060200010203 boundaries are shown for reference. More information is provided in Appendix IV.

4.2.B.ii. Point Source Contributions.

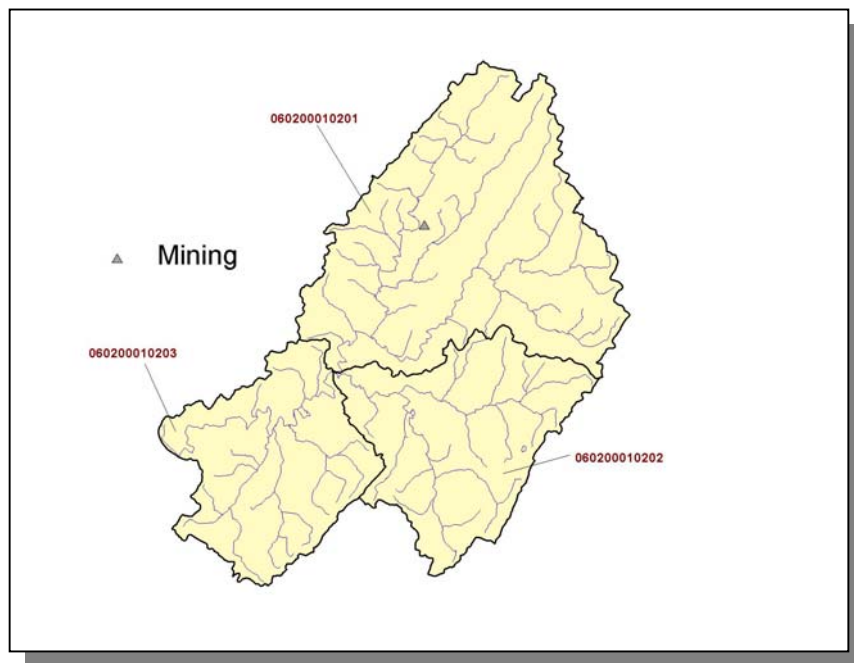


Figure 4-21. Location of Active Point Source Facilities in Subwatershed 0602000102. Subwatershed 060200010201, 060200010202, and 060200010203 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.



Figure 4-22. Location of Active Mining Facilities in Subwatershed 0602000102. Subwatershed 060200010201, 060200010202, and 060200010203 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

4.2.B.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Chickens (Broilers Sold)	Hogs	Sheep
5,515	11,903	1,138	16	462,027	69	36

Table 4-13. Summary of Livestock Count Estimates in Subwatershed 0602000102. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Loudon	62.3	62.3	1.1	3.5
Meigs	83.0	83.0	0.2	0.0
Rhea	126.5	126.4	1.7	4.7
Roane	153.1	153.1	1.7	5.1
Total	424.9	424.8	4.7	13.1

Table 4-14. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 0602000102.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.47
Legumes (Pastureland)	0.23
Grass (Hayland)	0.38
Legumes (Hayland)	0.77
Legumes, Grass (Hayland)	0.18
Grass, Forbs, Legumes (Mixed Pasture)	0.36
Forest Land (Not Grazed)	0.00
Forest Land (Grazed)	0.00
Corn (Row Crops)	4.14
Soybeans (Row Crops)	4.06
Tobacco (Row Crops)	5.56
Wheat (Close-Grown Cropland)	4.31
Non-Agricultural Land Use	0.00
Farmsteads and Ranch Headquarters	0.70

Table 4-15. Annual Estimated Total Soil Loss in Subwatershed 0602000102.